

Guidance Document – 2009 Recycling Rate Reporting

Commonwealth of Virginia Locality Recycling Rate Report (Form 50-30 revised)

CHAPTER 130 of the Solid Waste Management Regulations (Regulations for the Development of Solid Waste Management Plans) was amended in 2007 to reflect the changes in §10.1-1411 of the *Code of Virginia*. The Locality Recycling Rate Report (LRRR) Form (DEQ Form 50-30) was also revised to reflect the changes, and the purpose of this document is to provide directions on completing the form and filing the recycling rate information for calendar year 2009.

§10.1-1411 of the *Code of Virginia* was revised, effective July 1, 2006, to allow for a two-tiered recycling mandate and to add to the categories of waste that could be included in the recycling rate calculation. The new recycling mandate is as follows:

§10.1-1411.D. Each solid waste planning unit shall maintain a minimum recycling rate for municipal solid waste generated within the solid waste planning unit pursuant to the following schedule:

1. Except as provided in subdivision 2, each solid waste planning unit shall maintain a minimum 25% recycling rate; or
2. Each solid waste planning unit shall maintain a minimum 15% recycling rate if it has (i) a population density rate of less than 100 persons per square mile according to the most recent United States Census, or (ii) a not seasonally adjusted civilian unemployment rate for the immediately preceding calendar year that is at least 50% greater than the state average as reported by the Virginia Employment Commission for such year.

The categories of waste that can now be included in the recycling rate calculation as credits are as follows:

§10.1-1411.C. The Board's regulations shall permit the following credits, provided that the aggregate of all such credits permitted shall not exceed five percentage points of the annual municipal solid waste recycling rate achieved for each solid waste planning unit:

1. A credit of one ton for each ton of recycling residue generated (see page 3 of DEQ Form 50-30) in Virginia and deposited in a landfill permitted under subsection M of § 10.1-1408.1. Recycling residue, the organic and non-combustible material gathered from below and around the processing line, can be the result of pre-processing for recyclable material recovery and shredding for waste-to-energy facilities. Recycling residue also includes the non-metallic “fluff” from automobile and white goods shredding in scrap yards. A SWPU can only claim that portion of the recycling residue from materials generated in its jurisdiction.

2. A credit of two percentage points of the minimum recycling rate mandated for the solid waste planning unit for a source reduction program (see page 2 of DEQ Form 50-30) that is implemented with the solid waste planning unit. The existence and operation of such a program shall be certified by the solid waste planning unit. Source reduction programs must be documented, with information available to the SWPU staff and general public on the types of programs sponsored or managed by all jurisdiction(s) in the SWPU.

3. A credit of one ton for each ton of any solid waste material that is reused. Categories of material that qualify under this credit include asphalt, concrete and block, brick, pallets, general construction and demolition debris, and deconstruction materials (doors, windows, flooring, siding, etc.). Beneficial use of ash from MSW-derived fuel burned for energy recovery would qualify in this category.

4. A credit of one ton for each ton of any non-municipal solid waste material that is recycled. Non-MSW material includes material from manufacturing or industrial operations such as sludges (sent to composting facilities) and other non-traditional materials resulting from reclamation operations on the facility site. Some examples might include pre-consumer materials such as PVC piping, vinyl siding, and window or mirror glass recovered and recycled.

The RRR consists of 8 pages:

1. Contact information for the Solid Waste Planning Unit (SWPU), localities included in the SWPU, and a signature block.
2. Summary Recycling Rate Calculation with Credits Totals and Source Reduction Credit check-off
3. Data: principal recyclable materials and beginning of Credits listing, Recycling Residues
4. Data: continuation of Credits listing (Solid Waste Reused, Non-Municipal Solid Waste Recycled, and Source Reduction Programs listing) and exclusions listing
5. Total MSW Disposed information
6. Credits Worksheet: Reuse of any Solid Waste, Recycling of any Non-Municipal Solid Waste, and Inoperable Vehicles
7. Recycling Rate Report Instructions
8. Conversion table for collected recyclables, volume to weight.

Please refer any questions about the Locality Recycling Rate Report Form or data entry to:

G. Stephen Coe, Recycling Program Coordinator 804-698-4029
steve.coe@deq.virginia.gov